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ATTORNEY DOCKET NO. LYON 1001 US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

INVENTOR(S): Richard H. Lyon, David L. Bowen, Gladys L. Unger
Serial No.: 10/553,774 Art Unit:
Filing Date: October 19, 2005 Examiner:
Conf. #: 3836
For: METHOD AND APPARATUS FOR SOUND TRANSDUCTION WITH MINIMAL
INTERFERENCE FROM BACKGROUND NOISE AND MINIMAL LOCAL ACOUSTIC
RADIATION

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

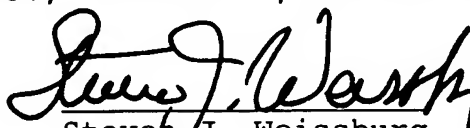
INFORMATION DISCLOSURE STATEMENT

The references on attached Form PTO/SB/08A which relate to the subject matter of the present invention are being brought to the attention of the Patent and Trademark Office pursuant to 37 CFR 1.56 and 1.98. This statement is being filed before the receipt of a first Office Action on the merits.

Accordingly, applicant(s) believe that no fee or certification is required.

CERTIFICATE OF MAILING UNDER 37 CFR \$1.8(a)

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on December 11, 2006.


Steven J. Weissburg

U.S. Patent No. 4,489,441, issued December 18, 1984, in the name of Chaplin, entitled METHOD AND APPARATUS FOR CANCELLING VIBRATION.

U.S. Patent No. 4,527,282, issued July 2, 1985, in the name of Chaplin et al., entitled METHOD AND APPARATUS FOR LOW FREQUENCY ACTIVE ATTENUATION.

U.S. Patent No. 4,752,961, issued June 21, 1988, in the name of Kahn, entitled MICROPHONE ARRANGEMENT.

U.S. Patent No. 5,046,103, issued September 3, 1991, in the name of Warnaka et al., entitled NOISE REDUCING SYSTEM FOR VOICE MICROPHONES.

U.S. Patent No. 5,121,426, issued June 9, 1992, in the name of Baumhauer, Jr. et al., entitled LOUDSPEAKING TELEPHONE STATION INCLUDING DIRECTIONAL MICROPHONE.

U.S. Patent No. 5,303,307, issued April 12, 1994, in the name of Elko et al., entitled ADJUSTABLE FILTER FOR DIFFERENTIAL MICROPHONES.

U.S. Patent No. 5,381,473, issued January 10, 1995, in the name of Andrea et al., entitled NOISE CANCELLATION APPARATUS.

U.S. Patent No. 5,402,669, issued April 4, 1995, in the name of Pla et al., entitled SENSOR MATCHING THROUGH SOURCE MODELING AND OUTPUT COMPENSATION.

U.S. Patent No. 5,463,893, issued November 7, 1995, in the name of Pla et al., entitled SENSOR MATCHING THROUGH REAL-TIME OUTPUT COMPENSATION.

U.S. Patent No. 5,479,813, issued January 2, 1996, in the name of Pla et al., entitled SENSOR MATCHING THROUGH REAL-TIME OUTPUT COMPENSATION.

U.S. Patent No. 5,561,737, issued October 1, 1996, in the name of Bowen, entitled VOICE ACTUATED SWITCHING SYSTEM.

U.S. Patent No. 5,625,684, issued April 29, 1997, in the name of Matouk et al., entitled ACTIVE NOISE SUPPRESSION SYSTEM FOR TELEPHONE HANDSETS AND METHOD.

U.S. Patent No. 5,625,697, issued April 29, 1997, in the name of Bowen et al., entitled MICROPHONE SELECTION PROCESS FOR USE IN A MULTIPLE MICROPHONE VOICE ACTUATED SWITCHING SYSTEM.

U.S. Patent No. 5,812,686, issued September 22, 1998, in the name of Hobelsberger, entitled DEVICE FOR ACTIVE SIMULTATION (SIC) OF AN ACOUSTICAL IMPEDANCE.

U.S. Patent No. 5,824,892, issued October 20, 1998, in the name of Ishii, entitled ACOUSTIC DEVICE FOR MEASURING VOLUME DIFFERENCE.

U.S. Patent No. 5,914,912, issued June 22, 1999, in the name of Yang, entitled SONAR ARRAY POST PROCESSOR.

U.S. Patent No. 5,937,070, issued August 10, 1999, in the name of Todter et al., entitled NOISE CANCELLING SYSTEMS.

U.S. Patent No. 6,085,078, issued July 4, 2000, in the name of Stamegna, entitled VEHICULAR AUDIO SYSTEM INCORPORATING DETACHABLE CELLULAR TELEPHONE.

U.S. Patent No. 6,160,892, issued December 12, 2000, in the name of Ver, entitled ACTIVE MUFFLER.

U.S. Patent No. 6,393,130 B1, issued May 21, 2002, in the name of Stonikas et al., entitled DEFORMABLE, MULTI-MATERIAL HEARING AID HOUSING.

U.S. Patent No. 6,408,078 B1, issued June 18, 2002, in the name of Hobelsberger, entitled ACTIVE REACTIVE ACOUSTICAL ELEMENTS.

U.S. Patent No. 6,952,474, issued October 4, 2005, in the name of Wittke et al., entitled PHONE PRIVACY AND UNOBTRUSIVENESS VIA VOICE CANCELLATION.

U.S. Published Patent Application No. US 2002/0009203 A1, published Jan. 24, 2002, in the name of Erten, entitled METHOD AND APPARATUS FOR VOICE SIGNAL EXTRACTION.

U.S. Published Patent Application No. US 2003/0044025 A1, published March 6, 2003, in the names of Ouyang et al., entitled CIRCUIT AND METHOD FOR ACOUSTIC SOURCE DIRECTIONAL PATTERN DETERMINATION UTILIZING TWO MICROPHONES.


Although this statement includes all the relevant art presently known to the applicants, it should not be interpreted as a representation that an exhaustive search has been conducted, or that no better art exists or that the items cited herein are admitted to be prior art. Applicants do not admit that all items cited here are from relevant fields. Some were identified by applicants after the invention was made, with the benefit of hindsight. Some were published after the filing of the present application. Moreover, Applicants invite the Examiner to make an independent evaluation of the cited art to determine its relevance to the subject matter of the present application.

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Applicants are of the opinion that the claims of the present application patentably distinguish over this art or any combination thereof.

The Commissioner is hereby authorized to charge payment of any fees associated with this communication or credit any overpayment to Deposit Account No. 23-0833, in the name of the undersigned.

Respectfully submitted,


Steven J. Weissburg
238 Main St. Suite 303
Cambridge, MA 02142

Reg. No. 31,581
(617) 354-9343

Cust. No. 021403

December 11, 2006

Imac20SJW:Gibraltar clients:Clients:Lyon, R. H. :LYON 1001 US:IDS - LYON 1001 US

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PTO/SB/08A

INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				<i>Complete if Known</i>	
				Application Number	10/553,774
				Filing Date	October 19, 2005
				First Named Inventor	Lyon
				Group Art Unit	
Examiner Name					
Attorney Docket No.	LYON 1001 US				
Sheet	1	of	1		

U.S. PATENT DOCUMENTS						
Examiner Initials	Cite No.	U.S. Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines where relevant passages or figures appear
		Number	Kind Code			
		US-4,489,441	A	12-18-1984	Chaplin	
		US-4,527,282	A	07-02-1985	Chaplin et al.	
		US-4,752,961	A	06-21-1988	Kahn	
		US-5,046,103	A	09-03-1991	Warnaka et al.	
		US-5,121,426	A	06-09-1992	Baumhauer, Jr. et al.	
		US-5,303,307	A	04-12-1994	Elko et al.	
		US-5,381,473	A	01-10-1995	Andrea et al.	
		US-5,402,669	A	04-04-1995	Pla et al.	
		US-5,463,893	A	11-07-1995	Pla et al.	
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		US-5,824,892	A	10-20-1998	Ishii	
		US-5,914,912	A	06-22-1999	Yang	
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		US-6,085,078	A	07-04-2000	Stamegna	
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		US-6,393,130	B1	05-21-2002	Stonikas et al.	
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		US-6,952,474	B2	10-04-2005	Wittke et al.	
		US-2002/0009203	A1	01-24-2002	Erten	
		US-2003/0044025	A1	03-06-2003	Ouyang et al.	

FOREIGN PATENT DOCUMENTS								
Examiner Initials	Cite No.	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines where relevant passages or figures appear	T
		Country Code-Number-----Kind Code						

Examiner Signature		Date Considered	
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